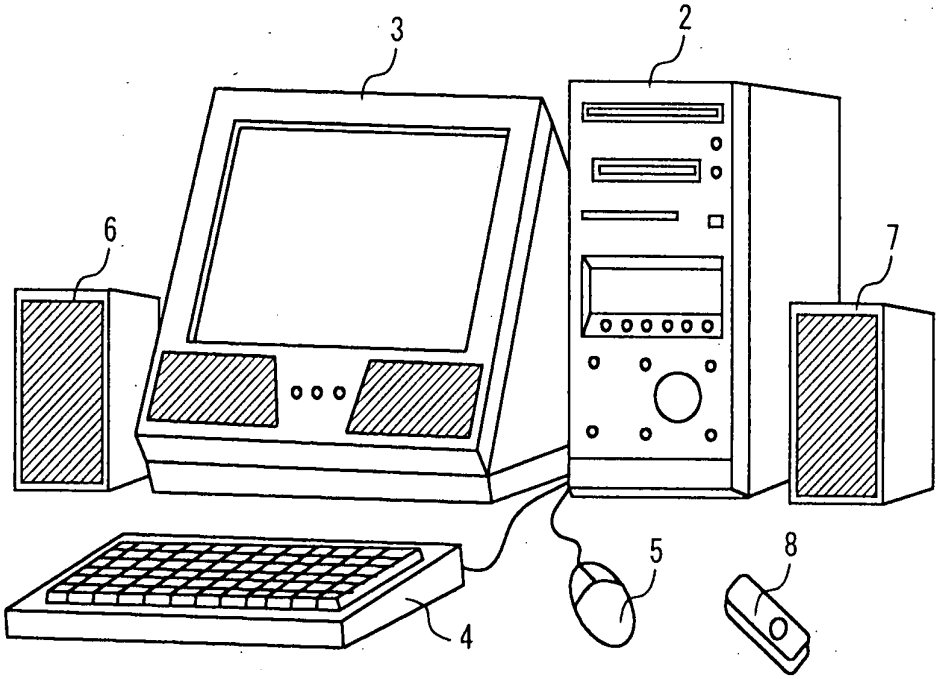

FIG.1

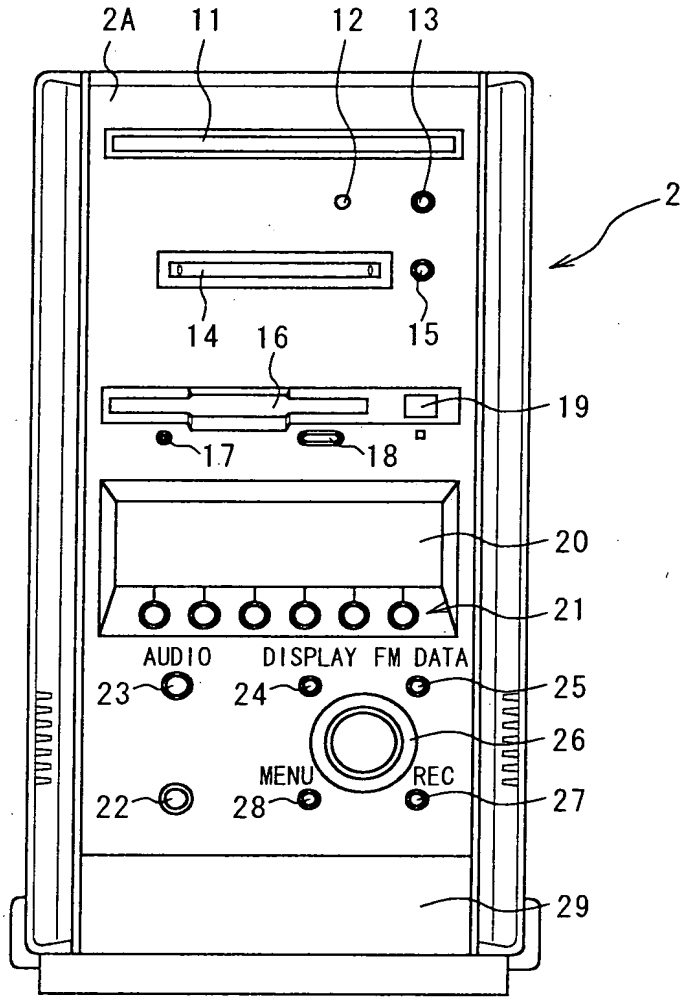
2A
11
12
13
2
14
16
15
19
17
18
20
21
AUDIO
DISPLAY
FM DATA
23
24
25
26
MENU
REC
22
28
27
29

FIG. 2

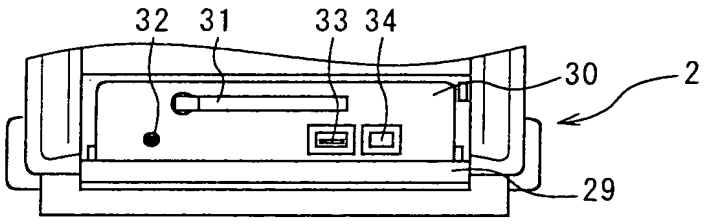
32
31
33
34
30
2
29

FIG. 3

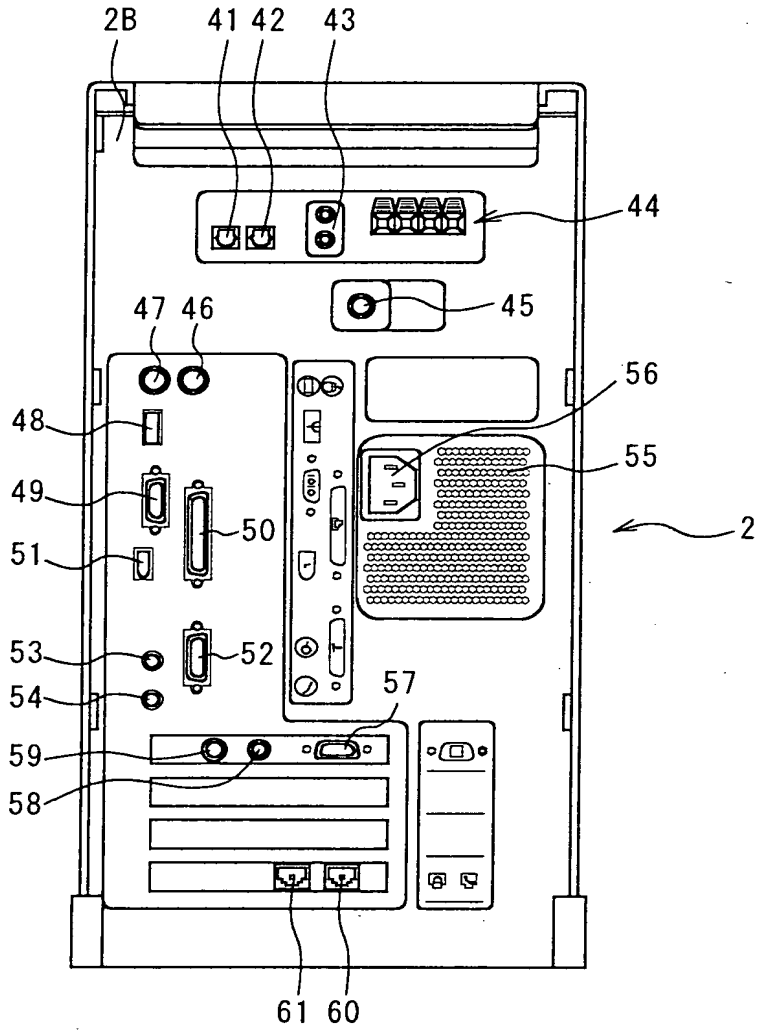

FIG. 4

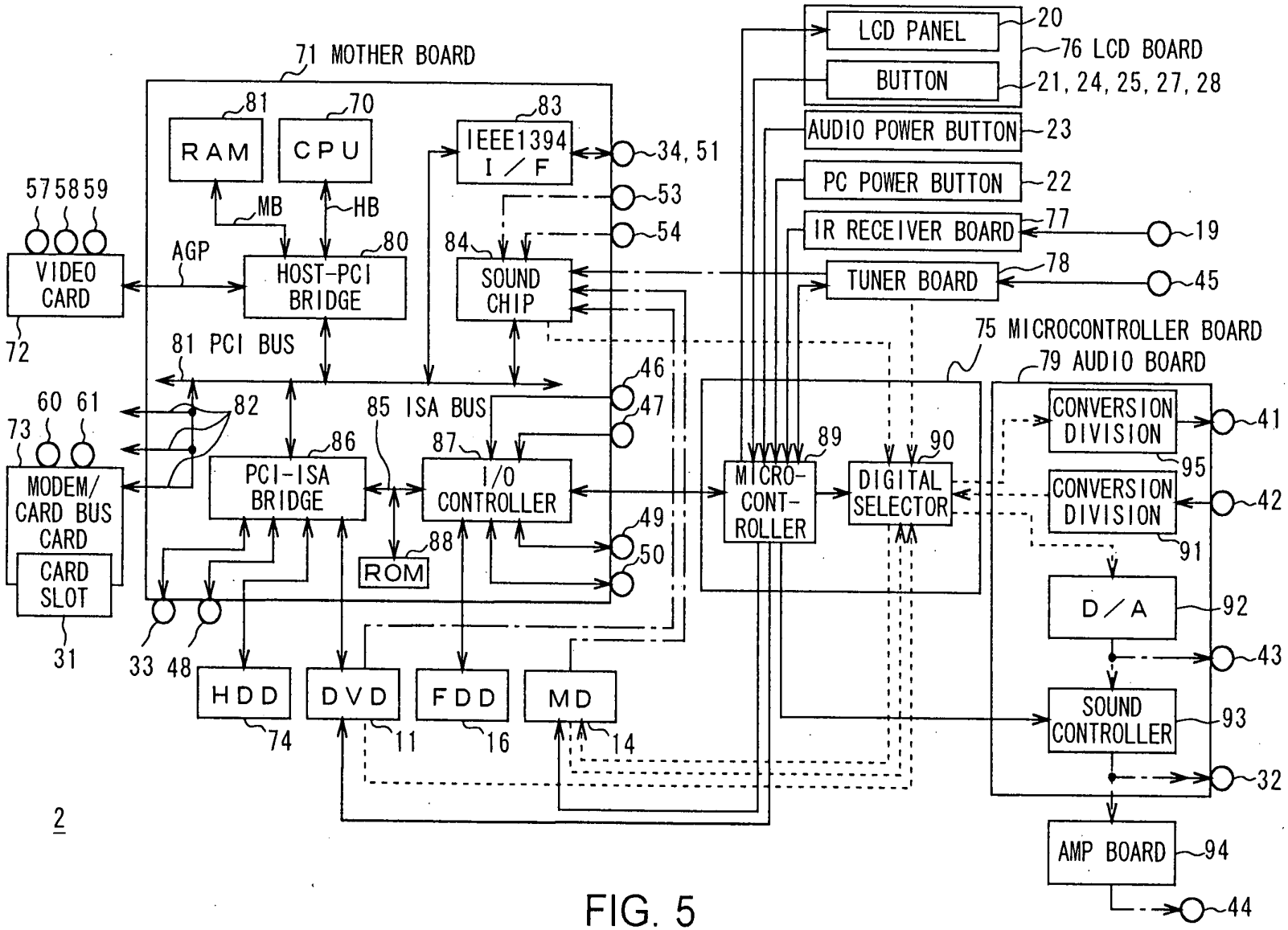
71 MOTHER BOARD
RAM
CPU
IEEE1394 I/F
MB
HB
AGP
HOST-PCI BRIDGE
SOUND CHIP
VIDEO CARD
81 PCI BUS
85 ISA BUS
PCI-ISA BRIDGE
I/O CONTROLLER
ROM
MODEM/ CARD BUS CARD
CARD SLOT
HDD
DVD
FDD
MD
LCD PANEL
BUTTON
AUDIO POWER BUTTON
PC POWER BUTTON
IR RECEIVER BOARD
TUNER BOARD
76 LCD BOARD
21, 24, 25, 27, 28
75 MICROCONTROLLER BOARD
79 AUDIO BOARD
MICRO-CONT-ROLLER
DIGITAL SELECTOR
CONVERSION DIVISION
CONVERSION DIVISION
D/A
SOUND CONTROLLER
AMP BOARD
34, 51
53
54
46
47
49
50
41
42
43
32
44
19
45
20
23
22
77
78
94
93
92
95
91
89
90
88
86
87
84
83
81
70
82
60 61
73
575859
72
31
33 48
74
11
16
14
2

FIG. 5

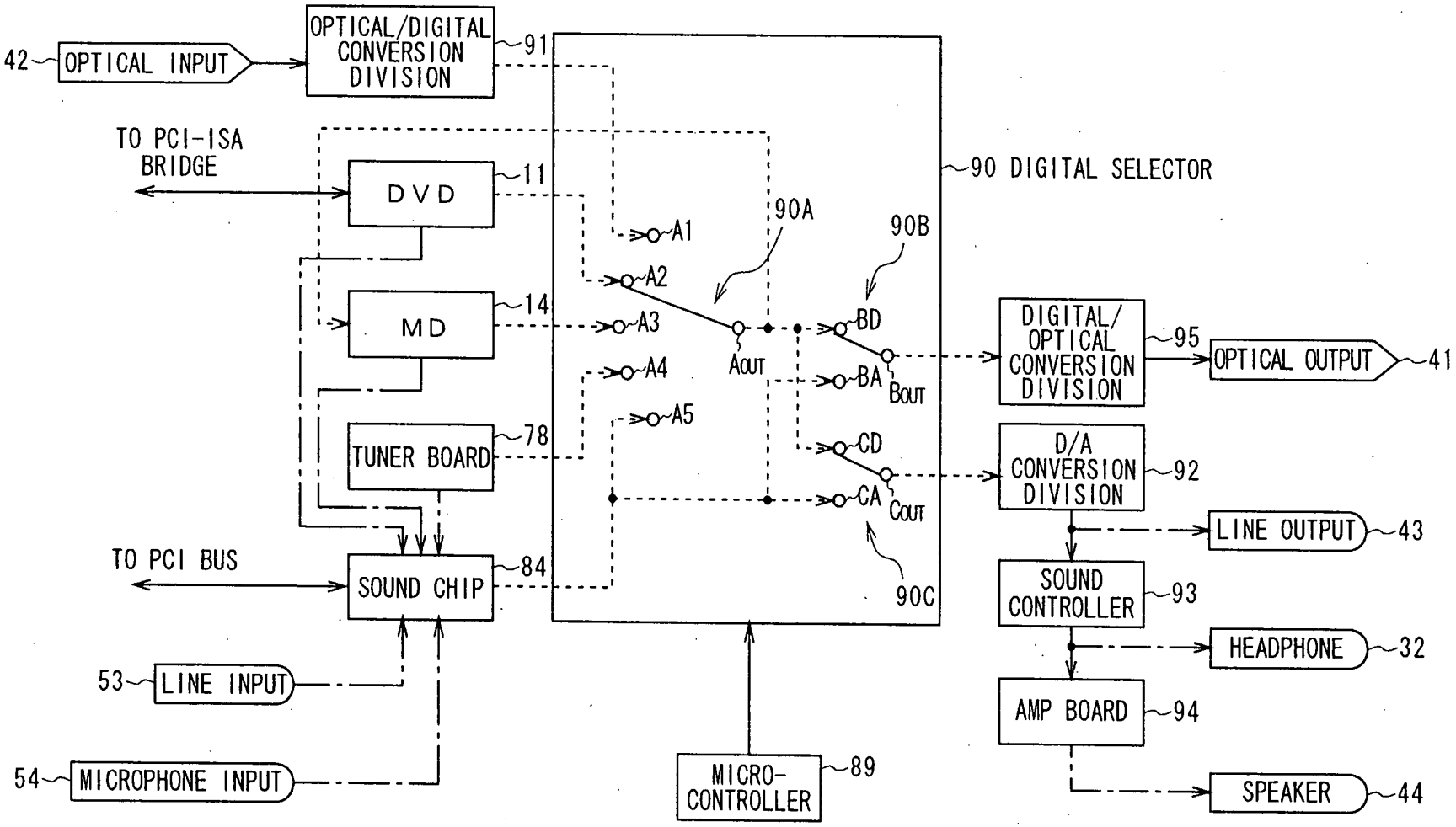
42
OPTICAL INPUT
OPTICAL/DIGITAL CONVERSION DIVISION
91
TO PCI-ISA BRIDGE
DVD
11
MD
14
TUNER BOARD
78
TO PCI BUS
SOUND CHIP
84
53
LINE INPUT
54
MICROPHONE INPUT
MICRO-CONTROLLER
89
90 DIGITAL SELECTOR
90A
90B
90C
A1
A2
A3
A4
A5
AOUT
BD
BA
BOUT
CD
CA
COUT
DIGITAL/ OPTICAL CONVERSION DIVISION
95
OPTICAL OUTPUT
41
D/A CONVERSION DIVISION
92
LINE OUTPUT
43
SOUND CONTROLLER
93
HEADPHONE
32
AMP BOARD
94
SPEAKER
44

FIG. 6

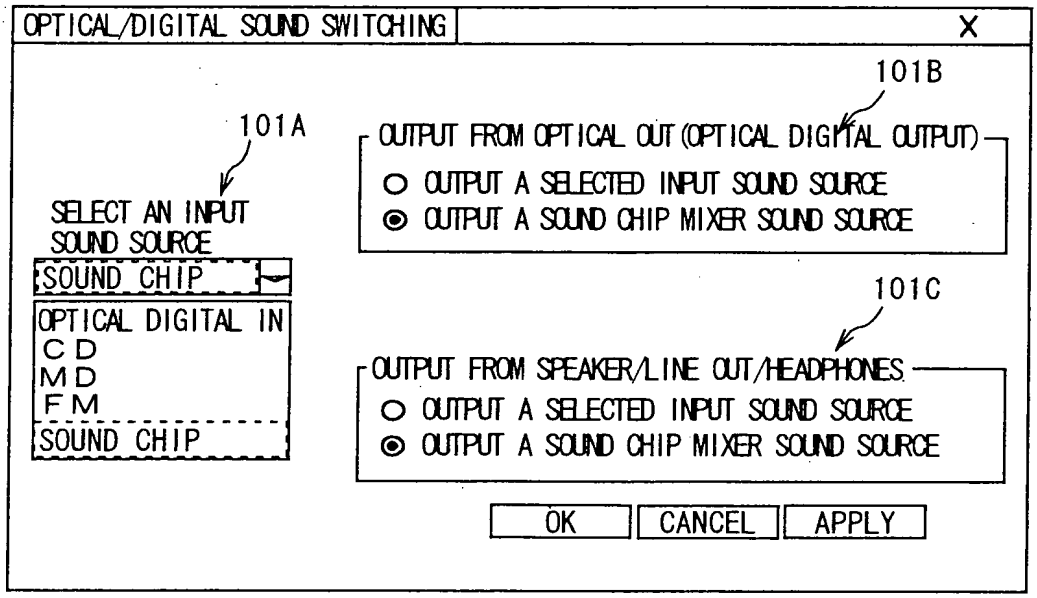
OPTICAL/DIGITAL SOUND SWITCHING
X
101B
101A
OUTPUT FROM OPTICAL OUT (OPTICAL DIGITAL OUTPUT)
OUTPUT A SELECTED INPUT SOUND SOURCE
OUTPUT A SOUND CHIP MIXER SOUND SOURCE
SELECT AN INPUT SOUND SOURCE
SOUND CHIP
OPTICAL DIGITAL IN
CD
MD
FM
SOUND CHIP
101C
OUTPUT FROM SPEAKER/LINE OUT/HEADPHONES
OUTPUT A SELECTED INPUT SOUND SOURCE
OUTPUT A SOUND CHIP MIXER SOUND SOURCE
OK
CANCEL
APPLY
100

FIG. 7

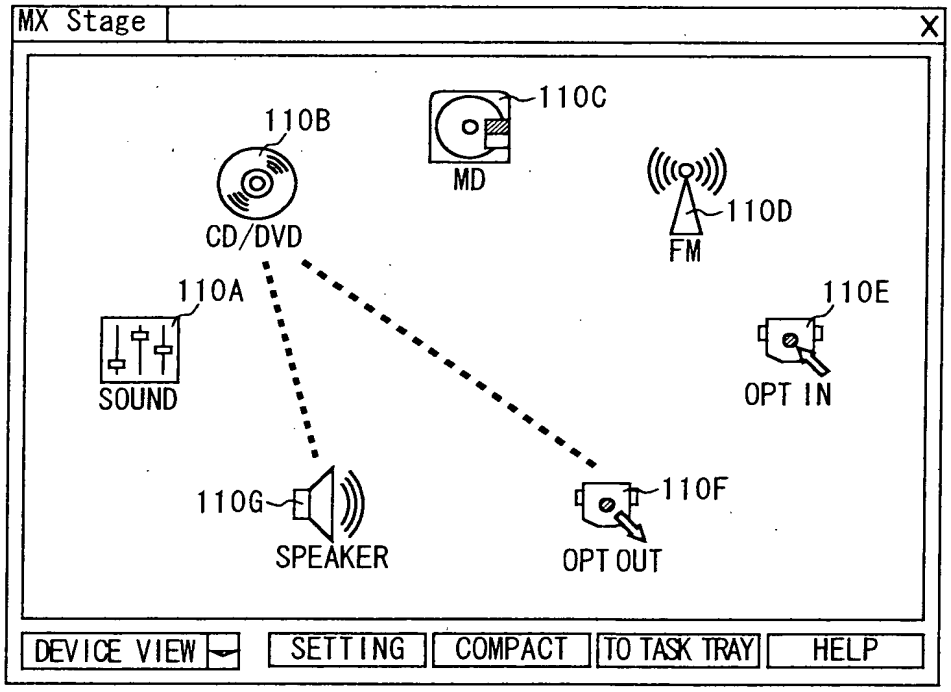
MX Stage
X
110B
110C
MD
CD/DVD
110D
FM
110A
110E
SOUND
OPT IN
110G
110F
SPEAKER
OPT OUT
DEVICE VIEW
SETTING
COMPACT
TO TASK TRAY
HELP
110

FIG. 8

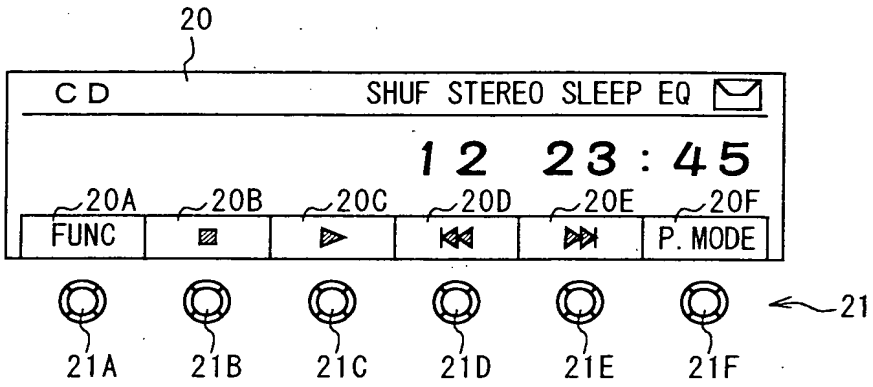
20
CD
SHUF STEREO SLEEP EQ
12 23:45
20A
20B
20C
20D
20E
20F
FUNC
P.MODE
21
21A
21B
21C
21D
21E
21F

FIG. 9

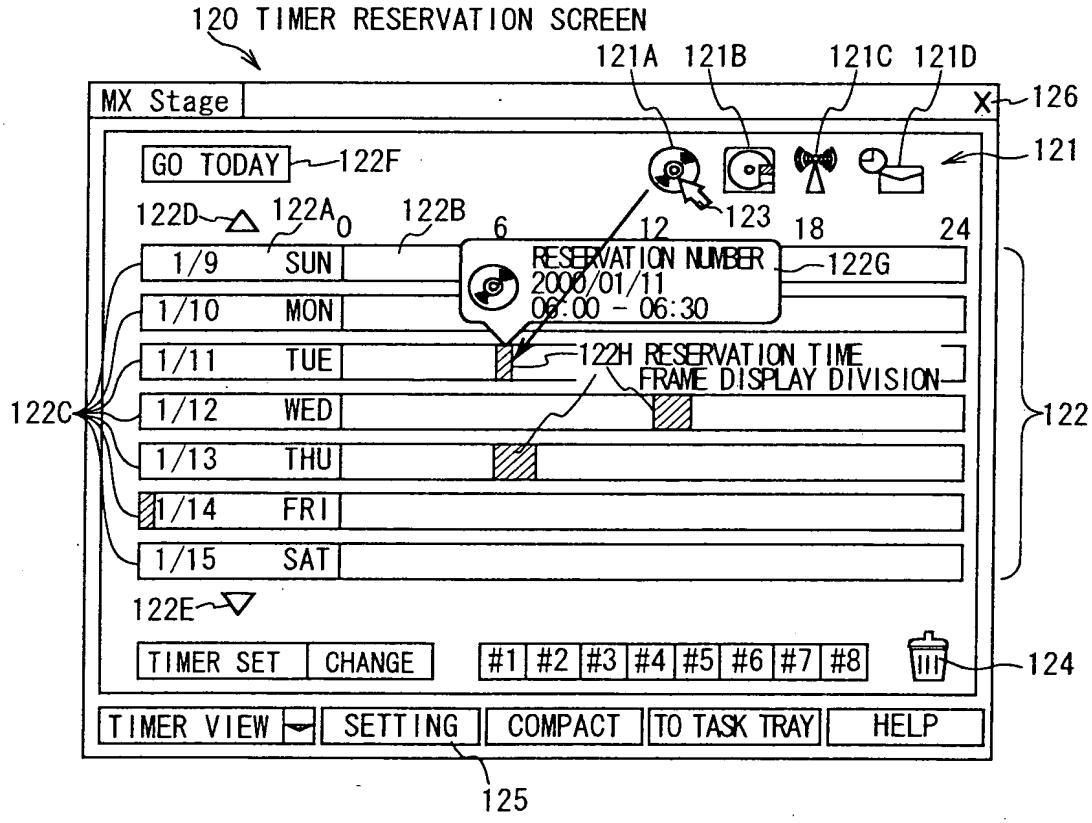
120 TIMER RESERVATION SCREEN
121A
121B
121C
121D
MX Stage
126
121
GO TODAY
122F
123
122D
122A
122B
0
6
12
18
24
RESERVATION NUMBER
122G
2000/01/11
06:00 - 06:30
1/9 SUN
1/10 MON
1/11 TUE
122H RESERVATION TIME FRAME DISPLAY DIVISION
1/12 WED
1/13 THU
1/14 FRI
1/15 SAT
122C
122
122E
TIMER SET
CHANGE
#1 #2 #3 #4 #5 #6 #7 #8
124
TIMER VIEW
SETTING
COMPACT
TO TASK TRAY
HELP
125

FIG. 10

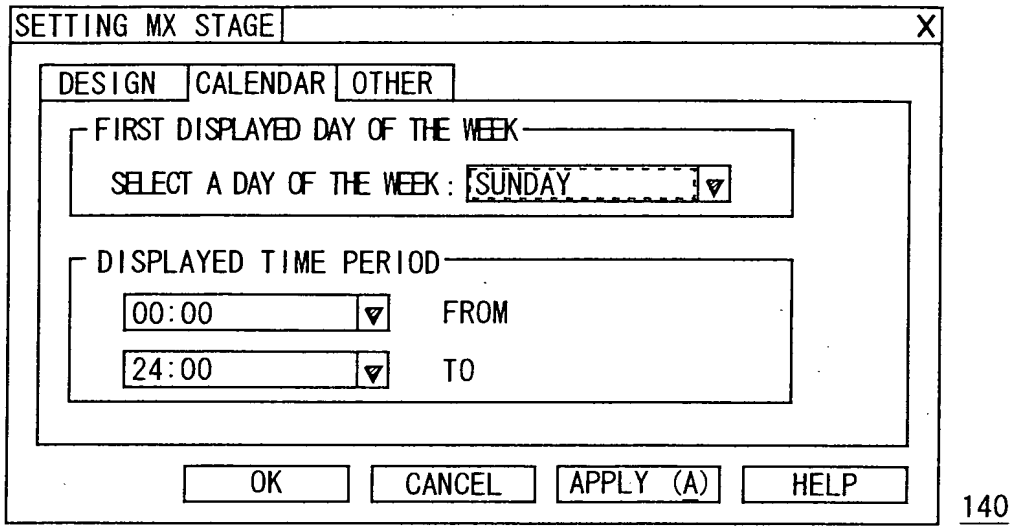
SETTING MX STAGE
X
DESIGN
CALENDAR
OTHER
FIRST DISPLAYED DAY OF THE WEEK
SELECT A DAY OF THE WEEK : SUNDAY
DISPLAYED TIME PERIOD
00:00
FROM
24:00
TO
OK
CANCEL
APPLY (A)
HELP
140

FIG. 11

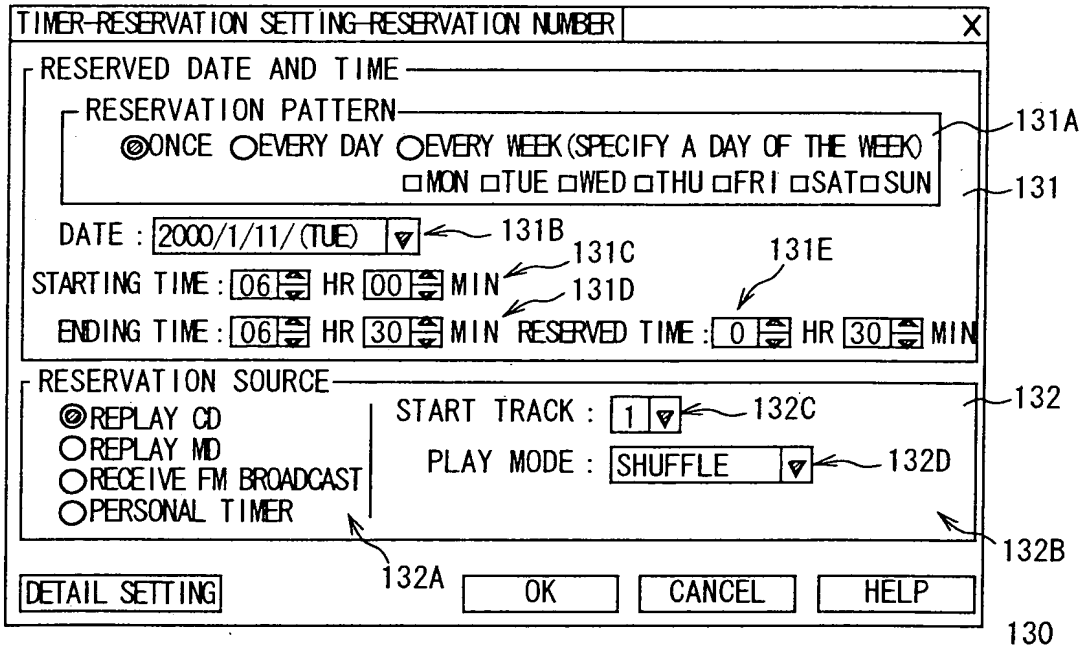
TIMER-RESERVATION SETTING-RESERVATION NUMBER
X
RESERVED DATE AND TIME
RESERVATION PATTERN
ONCE EVERY DAY EVERY WEEK(SPECIFY A DAY OF THE WEEK)
MON TUE WED THU FRI SAT SUN
131A
131
DATE : 2000/1/11/(TUE)
131B
STARTING TIME : 06 HR 00 MIN
131C
131D
131E
ENDING TIME : 06 HR 30 MIN
RESERVED TIME : 0 HR 30 MIN
RESERVATION SOURCE
REPLAY CD
REPLAY MD
RECEIVE FM BROADCAST
PERSONAL TIMER
START TRACK : 1
132C
PLAY MODE : SHUFFLE
132D
132
132A
132B
DETAIL SETTING
OK
CANCEL
HELP
130

FIG. 12

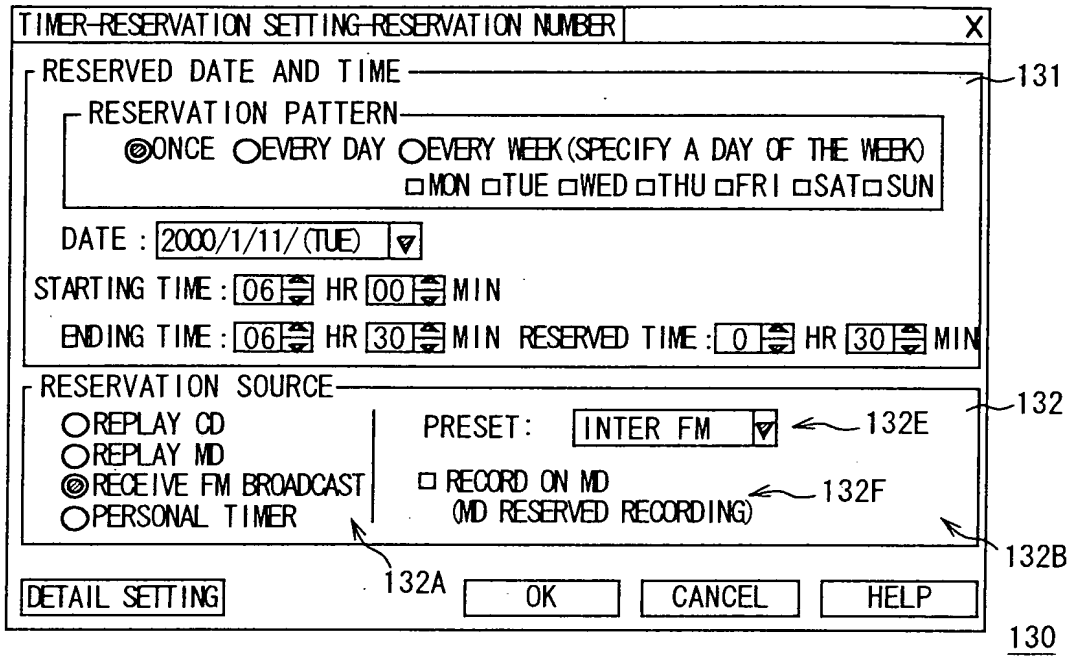
TIMER-RESERVATION SETTING-RESERVATION NUMBER
X
RESERVED DATE AND TIME
131
RESERVATION PATTERN
ONCE EVERY DAY EVERY WEEK(SPECIFY A DAY OF THE WEEK)
MON TUE WED THU FRI SAT SUN
DATE : 2000/1/11/(TUE)
STARTING TIME : 06 HR 00 MIN
ENDING TIME : 06 HR 30 MIN RESERVED TIME : 0 HR 30 MIN
RESERVATION SOURCE
132
REPLAY CD
REPLAY MD
RECEIVE FM BROADCAST
PERSONAL TIMER
PRESET: INTER FM
132E
RECORD ON MD
(MD RESERVED RECORDING)
132F
132B
132A
DETAIL SETTING
OK
CANCEL
HELP
130

FIG. 13

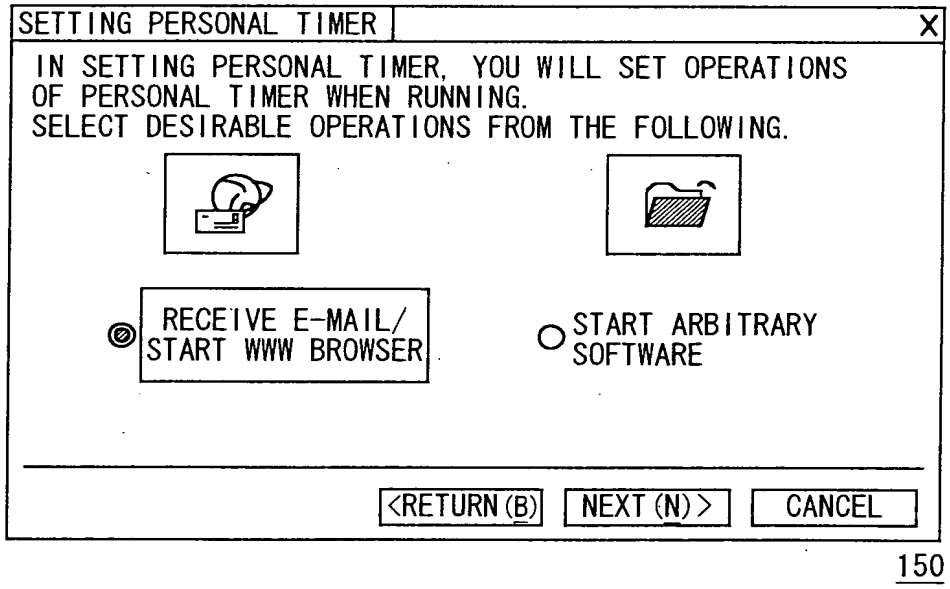
SETTING PERSONAL TIMER
X
IN SETTING PERSONAL TIMER, YOU WILL SET OPERATIONS
OF PERSONAL TIMER WHEN RUNNING.
SELECT DESIRABLE OPERATIONS FROM THE FOLLOWING.
RECEIVE E-MAIL/
START WWW BROWSER
START ARBITRARY
SOFTWARE
<RETURN(B)
NEXT(N)>
CANCEL
150

FIG. 14

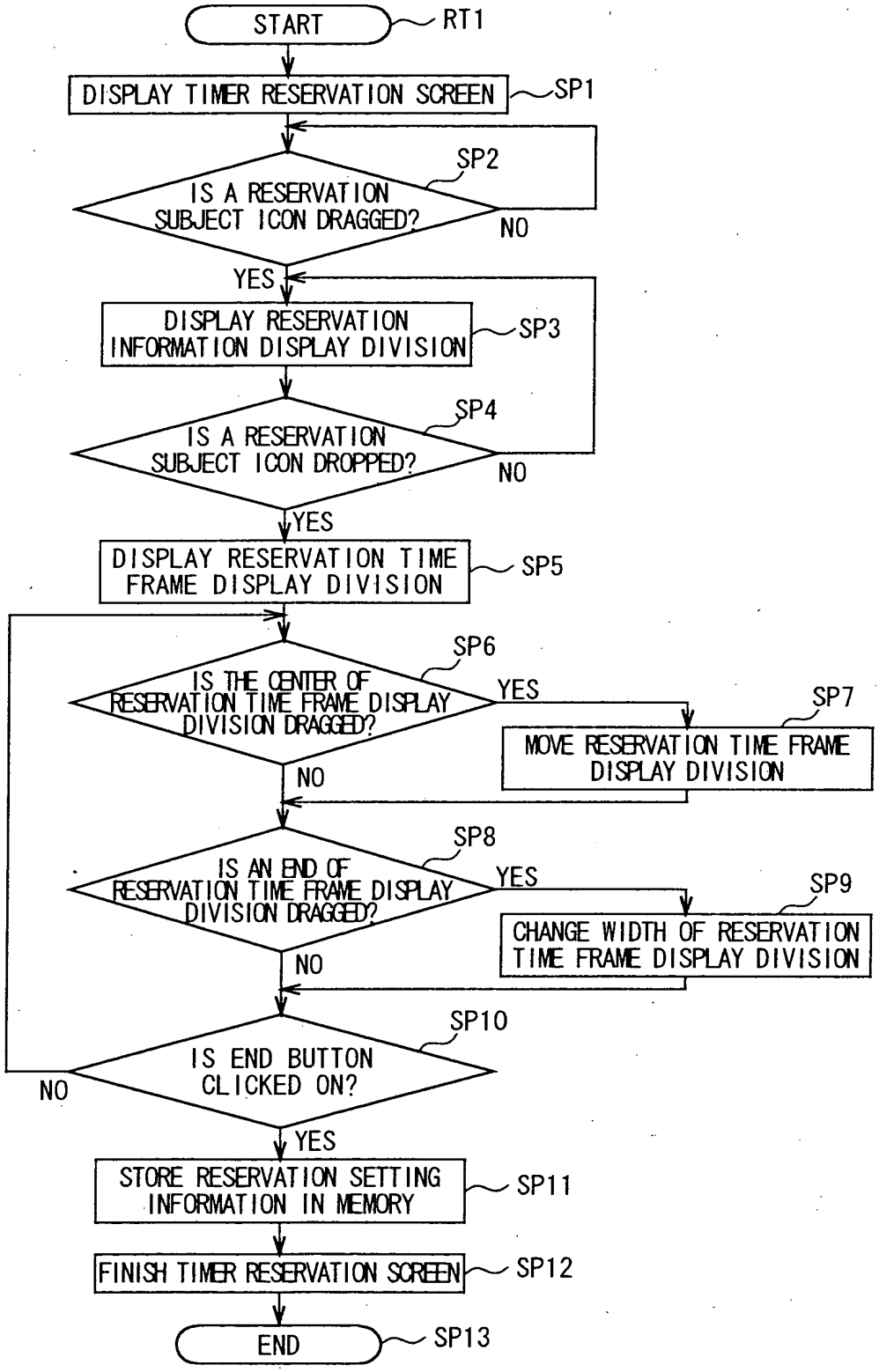
START
RT1
DISPLAY TIMER RESERVATION SCREEN
SP1
IS A RESERVATION SUBJECT ICON DRAGGED?
SP2
NO
YES
DISPLAY RESERVATION INFORMATION DISPLAY DIVISION
SP3
IS A RESERVATION SUBJECT ICON DROPPED?
SP4
NO
YES
DISPLAY RESERVATION TIME FRAME DISPLAY DIVISION
SP5
IS THE CENTER OF RESERVATION TIME FRAME DISPLAY DIVISION DRAGGED?
SP6
YES
MOVE RESERVATION TIME FRAME DISPLAY DIVISION
SP7
NO
IS AN END OF RESERVATION TIME FRAME DISPLAY DIVISION DRAGGED?
SP8
YES
CHANGE WIDTH OF RESERVATION TIME FRAME DISPLAY DIVISION
SP9
NO
IS END BUTTON CLICKED ON?
SP10
NO
YES
STORE RESERVATION SETTING INFORMATION IN MEMORY
SP11
FINISH TIMER RESERVATION SCREEN
SP12
END
SP13

FIG. 15